| Inde | ex of Cla | aims |
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|      |           |      |

Application/Control No.

10/770,227

Examiner

SCHAPPER ET AL.

Art Unit

Reexamination

Applicant(s)/Patent under

Darren W. Goman

3752

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected Ν

Interference

**Appeal** 0 **Objected** 

|               |                            |                     | 1            |   |   |                                     | J        |          | L        | L               |
|---------------|----------------------------|---------------------|--------------|---|---|-------------------------------------|----------|----------|----------|-----------------|
| Cla           | im                         | Date                |              |   |   |                                     |          | $\neg$   |          |                 |
| F             |                            | Uate                |              |   |   |                                     |          |          | $\vdash$ |                 |
| - I           | Original                   | ဖွ                  |              |   |   |                                     |          |          |          |                 |
| Final         | į                          | 1/5/06              |              |   |   |                                     |          |          | 1        |                 |
| ш.            | ō                          | -                   |              |   | l   |                                     |          |          |          |                 |
|               | - 4                        | H.                  | -            | ⊢   | ┝   | -                                   | -        |          | -        | $\vdash$        |
|               | <del>-</del>               | +                   | -            | -   | ┝   | _                                   | -        | -        | -        | ├┤              |
| <u> </u>      | 2                          | H                   | ⊢            | ⊢   | <u> </u>  | -                                   | -        | _        | ├        | ┦               |
| -             | 1<br>2<br>3<br>4<br>5<br>6 | H                   | -            | ├   | ┝   | ├                                   | ├        | _        | ⊢        | Н               |
|               | 4                          | ╫                   | -            | -   |   | -                                   | ├        | ⊢        | $\vdash$ | Н               |
|               | 0                          | H                   | ⊢            | ⊢   | ⊢   | $\vdash$                            | $\vdash$ | ┝        | $\vdash$ | Н               |
| <u> </u>      |                            | H                   | ┢            | ⊢   | ⊢   | ⊢                                   | ⊢        | <u> </u> | $\vdash$ | Н               |
|               | 7                          | Н                   | ⊢            | ⊢   | ⊢   | ┝                                   | H        | $\vdash$ | -        | Н               |
|               | 8                          | H                   | ┝            | ⊢   | ┝   | ⊢                                   | -        | -        | _        | $\vdash \dashv$ |
|               | 40                         | H                   | ⊢            | ⊢   | ⊢   | _                                   | ⊢        | -        | -        | $\vdash$        |
| $\vdash$      | 10<br>11                   | ₩                   | $\vdash$     | $\vdash$  | $\vdash$  | <u> </u>                            | $\vdash$ | $\vdash$ | -        | $\vdash \vdash$ |
| Ŀ             | 11                         | ₩                   | -            | $\vdash$  | $\vdash$  | <u> </u>                            | $\vdash$ | <u> </u> | $\vdash$ | Н               |
| <u> </u>      | 12                         | ₩                   |              | <u> </u>  | <u> </u>  | <u> </u>                            | <u> </u> | <u> </u> | -        | $\vdash \vdash$ |
| <u> </u>      | 13                         | ₩                   | _            | <u> </u>  | _   | <u> </u>                            | <u> </u> | <u> </u> | -        | Ш               |
| igsquare      | 14                         | $\sqcup$            | _            | <u> </u>  | <u> </u>  | <u> </u>                            | _        | <u> </u> | Ь—       | Ш               |
|               | 13<br>14<br>15<br>16<br>17 | $\sqcup$            | _            | <del> </del>  | <del>  _</del>  | <u> </u>                            | ├-       | <u> </u> | ⊢        | Ш               |
|               | 16                         | $oldsymbol{\sqcup}$ | ļ            | <u> </u>  | ļ.  |                                     | <u> </u> | <u> </u> | <u> </u> | Ш               |
|               | 17                         | Ц                   |              |   |   | <u> </u>                            |          |          |          | Ш               |
|               | 18<br>19                   | Щ                   |              | _   | L_  | _                                   | _        |          | <u> </u> | Ш               |
|               | 19                         | Щ                   | _            | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$  | _   | <u> </u>                            | <u> </u> | L        | L        | $\Box$          |
| <u> </u>      | 20<br>21<br>22<br>23       | Щ                   | _            | _   | <u> </u>  |                                     | _        |          | _        | Ш               |
|               | 21                         | Щ                   | L.           | _   | <u> </u>  | L_                                  | _        |          |          | Ш               |
|               | 22                         | Ц                   |              | L_  | L   | L                                   | _        |          |          | Ш               |
|               | 23                         | Щ                   |              | $ldsymbol{ld}}}}}}$          | $ldsymbol{le}}}}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |          |          | Ш               |
|               | 24<br>25                   | Ц                   | $oxed{oxed}$ | $oxed{oxed}$  | $ldsymbol{le}}}}}}$ | _                                   |          |          |          | Ш               |
|               | 25                         | Ц                   |              | _   |   |                                     | _        |          |          | Ш               |
|               | 26<br>27<br>28<br>29       | Ц                   | ┖            | 匚   | <u> </u>  | L_                                  | _        |          | _        | Ш               |
| <u></u>       | 27                         | Ш                   | _            | _   |   |                                     | L        |          |          | Ш               |
|               | 28                         | Ш                   |              |   |   |                                     |          |          |          | Ш               |
|               | 29                         | Ш                   |              |   |   |                                     |          |          |          |                 |
|               | 30                         | Ц                   |              | <u> </u>  | L   | L                                   | _        |          | <u> </u> | Ш               |
|               | 31                         | Ш                   |              | _   | _   | _                                   |          | <u> </u> | L_       | Ш               |
|               | 32<br>33                   | Ц                   |              |   |   | L                                   | L        |          |          |                 |
|               | 33                         | Ш                   |              | $ldsymbol{ld}}}}}}$ |   |                                     | <u> </u> |          | L_       | Ш               |
|               | 34<br>35                   | Ш                   |              |   | <u> </u>  |                                     | <u> </u> |          | _        | Ш               |
|               | 35                         | Ш                   | _            |   | _   |                                     | <u> </u> |          | _        | Ш               |
|               | 36                         | Ш                   |              | 匚   |   |                                     |          |          |          | $\Box$          |
|               | 37                         | $\coprod$           |              |   |   |                                     |          |          |          | $\Box$          |
|               | 38                         | П                   |              |   |   |                                     |          |          |          |                 |
|               | 39                         | $\coprod$           | Ĺ            |   |   |                                     |          |          | Ľ        |                 |
|               | 40                         | П                   |              |   |   |                                     |          |          |          |                 |
|               | 41                         | $\prod$             |              |   |   |                                     |          |          |          |                 |
|               | 42                         |                     |              |   |   |                                     |          |          | L        |                 |
|               | 43                         |                     |              |   |   |                                     |          |          |          |                 |
|               | 44                         |                     |              |   |   |                                     |          |          |          |                 |
|               | 45                         |                     |              |   |   |                                     |          |          |          |                 |
|               | 46                         |                     |              |   |   |                                     |          |          |          |                 |
|               | 47                         |                     |              |   |   |                                     |          |          |          |                 |
|               | 48                         | П                   |              |   |   |                                     |          |          |          | П               |
|               | 49                         | V                   | Г            |   |   |                                     |          |          |          |                 |
| $\overline{}$ |                            | -                   | -            |   | _   |                                     | _        | _        | _        |                 |

| Cla          | Date     |          |  |              |          |          |          |  |                                     |          |
|--------------|----------|----------|--|--------------|----------|----------|----------|--|-------------------------------------|----------|
|              |          |          |  |              |          |          |          |  |                                     |          |
| <del> </del> | Original | 1/5/06   |  |              |          |          |          |  |                                     | i        |
| Final        | įġ       | 150      |  |              |          |          |          |  |                                     |          |
| ۱ ـ          | ŏ        | -        |  |              |          |          |          |  |                                     |          |
|              |          |          | _  |              | _        | _        |          | _  | L.                                  | <u> </u> |
|              | 51       | ÷        | L  | _            | _        |          | L        | _  | L                                   | Ш        |
|              | 52       | Ш        |  |              |          |          |          |  |                                     |          |
|              | 52<br>53 | Ш        |  |              |          |          |          |  |                                     |          |
|              | 54       |          |  |              |          |          |          |  |                                     |          |
|              | 55       | П        |  |              |          |          |          |  |                                     |          |
|              | 56       | П        |  |              |          |          |          |  |                                     |          |
|              | 57       | П        |  |              |          |          |          |  |                                     |          |
|              | 57<br>58 | П        |  |              |          |          |          | Г  |                                     |          |
|              | 59       | Н        |  |              | _        |          |          | Т  | Г                                   |          |
|              | 60       | Н        | <del>                                     </del> |              | $\vdash$ |          |          | H  |                                     |          |
| _            | 61       | ╫        | -  |              | $\vdash$ |          |          | $\vdash$   | Н                                   |          |
|              | 62       | ╫        | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$   | $\vdash$                            | $\vdash$ |
| -            | 62       | ╂        | <del> </del>                                     | $\vdash$     | $\vdash$ | H        |          | $\vdash$   | $\vdash$                            | $\vdash$ |
| <u> </u>     | 63<br>64 | ╫        | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | H        | $\vdash$   | $\vdash$                            | $\vdash$ |
| -            | 04       | ₩        | $\vdash$   | ⊢            | ⊢        | $\vdash$ | ┢        | <u> </u>   |                                     | -        |
|              | 65       | 1        | <u> </u>   | $\vdash$     | <u> </u> | <u> </u> | <u> </u> |  | _                                   | <u> </u> |
|              | 66       | Ш        | _  | _            | _        | _        | _        | _  | _                                   |          |
|              | 67       | Ш        | <u> </u>   | _            | _        |          |          | <u> </u>   | L                                   | <u> </u> |
|              | 68       | Щ        | L  | L            | <u> </u> |          |          | _  |                                     | L        |
|              | 69       | Ш        |  |              | L        |          |          | L  |                                     | L        |
|              | 70       | Ш        |  |              |          |          |          |  |                                     |          |
|              | 71<br>72 | П        |  |              |          |          |          |  |                                     |          |
|              | 72       | П        |  |              |          |          |          |  |                                     |          |
|              | 73       | П        |  |              | Г        |          |          | Г  |                                     |          |
|              | 74<br>75 | П        | Г  |              |          |          |          |  |                                     |          |
|              | 75       | $\top$   | $\vdash$   | Т            | Г        |          |          |  |                                     |          |
|              | 76       | H        | $\vdash$   | <del> </del> | _        | $\vdash$ | $\vdash$ | <del>                                     </del> |                                     | ┢        |
|              | 77       | H        | _  | -            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$                            | $\vdash$ |
|              | 78       | Н        |  | -            | -        | $\vdash$ | -        | -  |                                     | ┝        |
|              | 79       | ╫        | -  | -            | _        | $\vdash$ | _        | -  | $\vdash$                            | -        |
|              | 80       | ╫        | ┝  | ┝            | -        | -        | -        | ├  | -                                   | ⊢        |
| <u> </u>     | 00       | H        |  |              | -        | _        |          |  | -                                   | -        |
|              | 81       | H        | _  | ┡            | _        |          |          | <u> </u>   |                                     | Щ        |
|              | 82       | Н        | <u> </u>   | L            | $\vdash$ | <u> </u> | _        | <u> </u>   | -                                   |          |
| <b> </b>     | 83       | 1        |  | <u> </u>     |          | <b>—</b> | <u> </u> | <u> </u>   | <u> </u>                            | <u> </u> |
|              | 84       | Ш        | <u> </u>   | <u> </u>     | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u>                            | L        |
| <u> </u>     | 85       | W        |  | ļ            | <u> </u> | <u> </u> | <u> </u> | _  | _                                   | Ш        |
|              | 86       | Ŧ        | L_   | <u> </u>     | <u> </u> | L_       |          |  |                                     | Щ        |
|              | 87       | _        |  | <u> </u>     | <u> </u> | Ш        |          |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |
|              | 88       |          |  |              |          |          |          |  |                                     |          |
|              | 89       |          |  | L            | $\Box$   | L        |          | <u> </u>   | L                                   |          |
|              | 90       |          |  |              |          |          |          |  |                                     |          |
|              | 91       |          |  |              |          |          | _        |  |                                     |          |
|              | 92       |          |  |              |          |          |          |  |                                     |          |
|              | 93       |          |  |              |          |          |          |  |                                     |          |
|              | 94       |          | _  |              |          |          |          | Т  |                                     | П        |
|              | 95       | 0.0      |  | HT.          |          |          |          |  |                                     |          |
|              | 96       | -        | -  |              |          | -        | H        | -  |                                     | -        |
|              | 97       | $\vdash$ | _  | $\vdash$     |          | _        | $\vdash$ | $\vdash$   | $\vdash$                            | $\vdash$ |
| -            | 98       | $\vdash$ | -  | $\vdash$     | Η-       | -        | $\vdash$ | -  | $\vdash$                            | $\vdash$ |
| -            |          | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$                            | $\vdash$ |
|              | 99       | <u> </u> | _  | <b></b>      | <u> </u> | <u> </u> | <b>—</b> |  | <u> </u>                            | _        |

100

| Cl    | aim   | Date         |              |  |          |          |          |          |              |          |
|-------|---|--------------|--------------|--|----------|----------|----------|----------|--------------|----------|
| Final | Original                                      |              |              |  |          |          |          |          |              |          |
|       | 101<br>102                                    |              |              |  |          |          |          |          |              |          |
|       | 102   |              |              |  |          |          |          |          |              |          |
|       | 103   | L            |              |  |          |          |          |          |              | Ш        |
|       | 104   |              |              | _  |          |          |          |          |              |          |
|       | 105   |              |              | <u> </u>   |          | _        | _        |          |              | ٠        |
|       | 106   | _            |              | <u> </u>   |          | _        | <u> </u> |          | _            |          |
|       | 107   | _            | _            | <u> </u>   |          | <u> </u> |          |          | <u> </u>     | $\vdash$ |
|       | 108   | _            |              |  |          | -        | -        |          |              | -        |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115 | $\vdash$     | -            | ⊢  |          |          | ┝        | _        | _            |          |
|       | 111   | H            |              | ┝  | _        | _        | _        | -        | -            | Н        |
|       | 112   | $\vdash$     |              | -  | -        | -        | $\vdash$ |          |              | Н        |
|       | 113   | _            | _            | -  | -        | -        | $\vdash$ |          |              | Н        |
|       | 114   | _            |              | <u> </u>   |          | 1        |          |          |              | П        |
|       | 115   |              |              |  | $\vdash$ |          |          | Г        |              | П        |
|       | 116   |              |              | ,  |          |          |          |          |              |          |
| -     | 117   |              |              |  |          |          |          |          |              |          |
|       | 117<br>118                                    |              |              |  |          |          |          |          |              |          |
|       | 119   |              |              |  |          |          |          | -        |              |          |
|       | 120<br>121                                    |              |              |  |          |          |          |          |              |          |
|       | 121   |              |              | <u> </u>   |          |          |          |          |              | Ш        |
|       | 122   | L            |              | _  | _        | _        |          | _        |              | Ш        |
|       | 122<br>123<br>124<br>125<br>126<br>127        | <u> </u>     | <u> </u>     | <u> </u>   | _        | <u> </u> | _        | <u> </u> | <u> </u>     | Ш        |
|       | 124   | <u> </u>     | $\vdash$     | <u> </u>   |          |          |          | _        |              | Ш        |
|       | 125   | _            | <del> </del> | ⊢  | <u> </u> | ⊢        | _        | <u> </u> |              | Н        |
|       | 126   | -            | -            | ┝  | <u> </u> | ⊢        | -        | ⊢        |              | Н        |
|       | 127   | -            | -            |  |          | ⊢        | -        | ⊢        |              | Н        |
|       | 120   | <del> </del> | ┝            | ├  | ┝        | $\vdash$ | ┝        | ⊢        | _            | Н        |
|       | 128<br>129<br>130                             | -            | $\vdash$     | ┝  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |              | Н        |
|       | 131   | _            |              | $\vdash$   | $\vdash$ | -        | 1        | $\vdash$ |              |          |
|       | 132   |              |              | $\vdash$   | H        |          |          | _        |              | H        |
|       | 133   |              |              | ├─   | $\vdash$ |          | _        |          |              | Н        |
|       | 133<br>134                                    |              |              | Г  | Г        |          | $\vdash$ | Т        |              | П        |
|       | 135   |              |              |  |          |          |          |          |              | П        |
|       | 136   |              |              |  |          |          |          |          |              |          |
|       | 137   |              |              |  |          |          |          |          |              |          |
|       | 138   |              |              |  |          |          |          |          |              |          |
|       | 139   |              | L            | _  |          |          | _        | _        | _            | Ш        |
|       | 140   |              | L            | <u> </u>   |          | _        |          |          |              | Щ        |
|       | 141   | <u> </u>     | L            | _  | L        | <u> </u> | <u> </u> |          | $oxed{oxed}$ | Щ        |
|       | 142   | _            | $\vdash$     | _  |          | $\vdash$ | <u> </u> | <u> </u> | <u> </u>     | $\vdash$ |
|       | 143   | <u> </u>     | <u> </u>     | <u> </u>   |          | -        |          |          |              | H        |
|       | 144   |              |              |  | -        |          | -        | -        | _            |          |
|       | 145<br>146                                    |              |              | -  |          |          |          | -        |              | $\vdash$ |
|       | 147   | $\vdash$     | $\vdash$     | -  | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u> | $\vdash$     | $\vdash$ |
|       | 148   | $\vdash$     | ⊢            | <u> </u>   | H        |          | -        | _        | -            | H        |
|       | 149   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$ | —        | _        | -            | $\vdash$ |
|       | 150   | $\vdash$     | $\vdash$     | <del>                                     </del> | -        | Н        | -        | $\vdash$ | $\vdash$     | H        |
|       |   |              |              |  |          |          |          |          |              |          |